

US EPA ARCHIVE DOCUMENT

<b>1. Incident Name</b>	<b>2. Date Prepared</b>	<b>3. Time Prepared</b>	<b>UNIT LOG ICS 214</b>	
Kalamazoo River/Enbridge Spill	05/12/2012	1745		
<b>4. Unit Name/Designators</b>	<b>5. Unit Leader</b>		<b>6. Operational Period :</b>	
Operations Unit/Containment Branch Monitoring Group	<b>Name:</b>	Dan Capone & Joe Victory (START/US EPA)	<b>From:</b>	05/12/2012 0600
	<b>Position:</b>	Operations Section Chief	<b>To:</b>	05/12/2012 1730

7. Personnel Roster Assigned		
Name	ICS Position	DUTY CELL
Dan Capone	Operations Section Chief	[REDACTED]
Joe Victory	Operations Section Chief	
Rex Johnson	Deputy Director	
Dan Zahner	Field Team Lead	
Karen Berez	CBM Team 2	

8. Activity Log			
Activity Area		LAT	LAT
		Various (DD.MMMM)	Various (DD.MMMM)
<b><u>OIL OBSERVED</u></b>	<b>EXTENT OF OIL IMPACTED AREA</b>		
	<b>DENSITY OF OIL /SHEEN</b>		
Total Collection Points			
Total Boom Deployed			

**Activity**

**Weston/START Containment Branch Monitoring Group (CBM) Team Activity:**  
 Karen Berez and Dylan Massey conducted (1) Control & Containment Point inspections at shoreline locations at Talmadge Creek. (2) Control & Containment Point inspections at shoreline and overbank locations from Talmadge Creek and Kalamazoo River mile post 0.00 through 13.50. (3) Water & Sediment Temperature & Level Readings.

- 0630: Meeting with EPA, START, and Enbridge contractors to discuss Containment Operations.
- 0745- 1600: START and LBG members conducted inspections. Observations and recommended actions were logged in the START CBM Team 2 log book, as well as discussed with Dylan Massey. Dylan Massey informed Enbridge contractors to make recommended actions.

**WATER/SEDIMENT TEMPERATURE AND LEVEL READINGS:**

LOCATION	WATER TEMP	SEDIMENT TEMP	WATER LEVEL
MP 2.25 (C 0.0 Launch)	63.8	60.3	3.4
MP 5.25 (C0.4 Launch)	62.8	58.8	2.1
MP 10.0 (C3.2 Launch)	62.5	59.9	1.9
MP 15.0 (C5 Launch)			
MP 18.75 (D2 Launch)			
MP 21.5 (D5)			
MP 27.0 (E0.5 Launch)			
MP 30.0 (E2 Launch)			
MP 35.0 (E3 Launch)			
MP 38.0 (E4 Launch)			
<b>AVERAGE</b>	<b>63.03</b>	<b>59.67</b>	

**WEEKLY/AFTER RAIN EVENT INSPECTION:**

**Talmadge Creek:** (11) Pom-Poms deployed at 7 culvert locations:

MP 0.00: Upstream of source:

MP 0.04: Below Source (Culvert 1):

MP 0.27: Between Source & Division Road (Culvert 2):

MP 0.50: Division Road (Culvert 3): MP 0.74: Hillbilly Road (Culvert 4):

MP 1.09: 16 Mile Road (Culvert 5):

MP 1.28: 15 ½-Mile Road (Culvert 6): MP 1.57: B4.5 (Culvert 7):

MP 1.77: Saylor's Property (Culvert 8): MP 1.99: A Drive North (Culvert 9):

MP 2.02: Talmadge Creek before Confluence:

**DAILY CONTAINMENT MONITORING:**

**Kalamazoo River:** Control (CT) & Containment (CTM) Points (14) deployed are:

MP 5.75 (Ceresco Dam): Silver and rainbow oil sheen observed in collection area and frequently along control point. Area of sheen is 125' x 4' = 500 sq. ft.

MP 8.50 L1 (8.48 LDB): Silver oil sheen and 1/32" sized oil globules observed within containment. Area of sheen is 10' x 40' = 400 sq. ft.

MP 8.50 L3 (8.48 LDB): No oil sheen and/or oil globules observed within containment.

MP 8.75 R1: Very slight silver oil sheen observed within containment. Area of sheen is 1' x 10' = 10 sq. ft.

MP 9.00 I2 (8.97I): Very minute amount of silver oil sheen observed within containment. Amount of sheen observed is too insignificant to quantify.

MP 10.75 LDB: Very slight silver oil sheen observed within containment. Area of sheen is 1' x 1' = 1 sq. ft.

MP 11.75 L2 (11.79 LDB): No oil sheen and/or oil globules observed within containment. Upstream area within containment is now a mudflat area due to drop in river level.

MP 14.98I:

MP 15.65 (Battle Creek Spillway):

MP 17.00 L1 (Rock Tenn):

MP 21.50 (Oxbow):

MP 30.8 LDB:

MP 37.75 (E4):

**RIVER REOPENING MILE POSTS:**

MP -2.70 to MP 2.25:

MP 2.25 to MP 5.90:

MP 5.90 to MP 9.50:

MP 9.50 to MP 13.75:

MP 13.75 to MP 15.65:

MP 15.65 to MP 18.75:

MP 18.75 to MP 30.00:

MP 30.00 to MP 35.25

MP 35.25 to MP 37.75:

MP 37.75 to MP 40.00:

Total sheen in control points: 500 sq. ft.

Total sheen within containment: 401 sq. ft.

Total Sheen: 901 sq. ft.

**Helicopter Fly-Over Pictures:**

	CBM 2 had no Situation Photo Log pictures to inspect today.
<b>Health and Safety Issues</b>	None
<b>Comments</b>	None.